IN THE CLAIMS

What is claimed is:

abar 1

A stent comprising:

a structural support comprising an outer surface that is roughened or

patterned; and

a polymeric film or sheet or tube that overlays the structural support wherein the polymeric film or sheet or tube is retained to the structural support by the roughened or patterned outer surface

2. The stent of claim 1 wherein the outer surface has a pattern of raised triangles.

3. The stent of claim 1 wherein the outer surface has a pattern of spikes.

4. The stent of claim 1 wherein the outer surface has a pattern of raised squares.

5. The stent of claim 1 wherein the outer surface is covered with one or more of raised triangles, spikes, and raised squares.

- 6. The stent of claim 1 wherein the outer surface is at least partially covered with one or more of raised triangles, spikes and raised squares.
- 7. The stent of claim 1 wherein the outer surface is covered at ends of the structural support with one or more of raised triangles, spikes and raised squares.
- 8. The stent of claim 1 wherein the polymeric film comprises one or more of ethylene vinyl acetate, latexes, urethanes, polytetrafluoroethylene, polysiloxanes, and modified styrene-ethylene/butylene styrene block copolymers.

- 9. The stent of claim 1 wherein the polymeric film comprises one or more drugs.
- 10. The stent of claim 1 wherein the polymeric film defines apertures.
- 11. The stent of claim 1 wherein the polymeric film is an expandable sleeve.

gwa3/

12. A retaining system for a stent, comprising a roughened or a patterned surface on the stent.

- 13. The retaining system of claim 12 wherein the patterned surface comprises one or more of raised squares or triangles or spikes.
- 14. The retaining system of claim 13 wherein the raised squares or triangles are raised from about 0.001 inches to 0.005 inches.

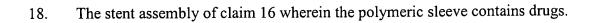
A method for adhering a polymeric sheet to a stent structural member, comprising:

providing a stent structural member with an outer surface; providing a polymeric sheet or tube; roughing or patterning the outer surface of the stent structural member; and retaining the polymeric sheet or tube on the stent structural member.

A stent assembly, comprising:

a structural member with an outer surface that is roughened or texturized; and
a polymeric sleeve wherein the polymeric sleeve is retained to the structural
member by the roughened or texturized surface.

17. The stent assembly of claim 16 wherein the structural member and polymeric sleeve are expandable.



A stent assembly, comprising:

a structural member with an outer surface that is roughened or textured; and
a polymeric sheet wherein the polymeric sheet is retained to the structural

member by the roughened or textured surface.

- 20. The stent assembly of claim 19 wherein the structural member and the polymeric sheet are expandable.
- 21. The stent assembly of claim 19 wherein the polymeric sheet contains drugs.

Adda47